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|-----------------------------|-------------------------|--------------|------------------------|--------------------------------|
| SERIAL NUMBER 09/448,175 | FILING DATE 11/24/99 | CLASS 370 | GROUP ART UNIT 2739 | ATTORNEY DOCKET NO. 12-0887 |
|-----------------------------|-------------------------|--------------|------------------------|--------------------------------|

APPLICANT

HANNA S-H HSU, CERRITOS, CA; MANESSH GOYAL, HERMOSA BEACH, CA;
JEFFREY B. WARNER, HERMOSA BEACH, CA; RONALD P. SMITH, REDONDO BEACH, CA.

CONTINUING DOMESTIC DATA***
VERIFIED

CP

371 (NAT'L STAGE) DATA***
VERIFIED

CP

FOREIGN APPLICATIONS***
VERIFIED

CP

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 01/03/00

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|---|---|---------------------------|------------------------|----------------------|----------------------------|
| Foreign Priority claimed 35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | STATE OR COUNTRY CA | SHEETS DRAWING 6 | TOTAL CLAIMS 9 | INDEPENDENT CLAIMS 4 |
| Verified and Acknowledged | Examiner's Initials <u>CP</u> Initials _____ | | | | |

ADDRESS

PATENT COUNSEL
TRW INC
SPACE & ELECTRONICS GROUP
ONE SPACE PARK E2 6072
REDONDO BEACH CA 90278

TITLE

POLYPHASE FILTER WITH STACK SHIFT CAPABILITY

| | | |
|-------------------------------------|---|---|
| FILING FEE RECEIVED \$838 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT NO. _____ for the following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit _____ |
|-------------------------------------|---|---|